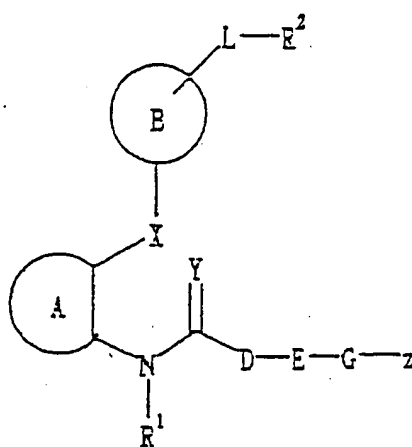


In the Claims

Please substitute the following claims 1, 2, 4, 13-15, 17, 18, 21, 24 and 27 for the claims 1, 2, 4, 13-15, 17, 18, 21, 24 and 27 now pending in the above-identified application.

Please cancel claims 6, 25, 26, 31 and 32 without prejudice to the filing of future continuing applications.

1. (Currently Amended) A Compound of the following formula, or a salt thereof:



(I)

wherein Ring A represents an optionally-substituted ~~homocyclic aromatic~~ benzene ring;

Ring B represents an optionally-substituted benzene or cycloalkane ring;

Z represents an optionally-substituted ~~eyelic group;~~ cyclic hydrocarbon group or an optionally-substituted heterocyclic group;

R¹ represents a hydrogen atom, an optionally-substituted hydrocarbon group, or an acyl group;

R² represents an optionally-substituted amino group;

D is an optionally substituted C₁₋₆ alkylene group;

E represents -CON(R^a)-

wherein R^a represents a hydrogen atom or an optionally-substituted

C₁₋₆ alkyl group;

G represents an optionally substituted C₁₋₆ alkylene group;

L represents ~~(1) a chemical bond or (2) a divalent hydrocarbon~~ an alkylene group

optionally having from 1 to 5 substituents selected from;

(i) a C₁₋₆ alkyl group,

- (ii) a halogeno-C₁₋₆ alkyl group,
- (iii) a phenyl group,
- (iv) a benzyl group,
- (v) an optionally-substituted amino group,
- (vi) an optionally-substituted hydroxy group, and
- (vii) a carbamoyl or thiocarbamoyl group optionally substituted by:

<1> a C₁₋₆ alkyl group,

<2> an optionally-substituted phenyl group, or

<3> an optionally-substituted heterocyclic ~~group, group;~~

~~and optionally interrupted by O or S;~~

X represents an oxygen atom or an optionally-oxidized sulfur atom; and

Y represents two hydrogen atoms. ~~atoms, an oxygen atom or a sulfur atom.~~

2. (Currently Amended) A Compound as claimed in claim 1, wherein L is an alkylene group optionally ~~interrupted by O and optionally~~ substituted by a C₁₋₆ alkyl group.
3. (Original) A Compound as claimed in claim 1, wherein L is a C₁₋₆ alkylene group.
4. (Currently Amended) A Compound as claimed in claim 1, wherein R² is (1) an unsubstituted amino group, ~~(2) a piperidyl group,~~ or ~~(3)~~ (2) an amino group optionally having one or two substituents selected from (i) a benzyl group, (ii) a C₁₋₆ alkyl group optionally substituted by an amino or phenyl group, (iii) a (mono- or di-C₁₋₆ alkyl)-carbamoyl or -thiocarbamoyl group, (iv) a C₁₋₆ alkoxy-carbonyl group, (v) a C₁₋₆ alkyl-

sulfonyl group, (vi) a piperidylcarbonyl group, and (vii) a C₁₋₆ alkyl-carbonyl group optionally substituted by a halogen atom or an amino group.

5. (Original) A Compound as claimed in claim 1, wherein R² is an unsubstituted amino group.

Claim 6 (Cancelled)

7. (Original) A Compound as claimed in claim 1, wherein B is an optionally-substituted benzene ring.

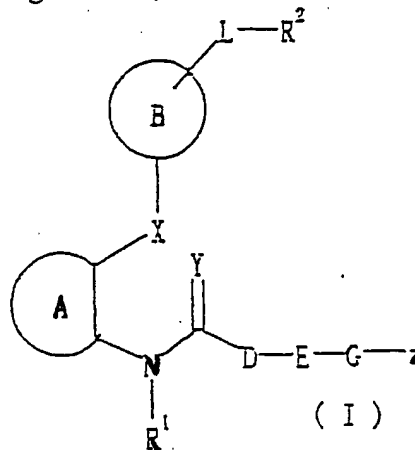
8. (Cancelled)

9. (Original) A Compound as claimed in claim 1, wherein X is an oxygen atom.

Claims 10-12 (Cancelled)

13. (Currently Amended) A Compound as claimed in claim 1, wherein ~~Y is two hydrogen atoms, and~~ R¹ is an acyl group.

14. (Currently Amended) A Compound of the following formula, or a salt thereof



wherein Ring A is an optionally-substituted benzene ring;

Ring B is a benzene or cyclohexane ring optionally substituted by a C₁₋₆ alkoxy group;

Z is a C₆₋₁₄ aryl, C₃₋₁₀ cycloalkyl, piperidyl, thienyl, furyl, pyridyl, thiazolyl, indanyl or indolyl group optionally having from 1 to 3 substituents selected from a halogen atom, a formyl group, a halogeno-C₁₋₆ alkyl group, a C₁₋₆ alkoxy group, a C₁₋₆ alkyl-carbonyl group, an oxo group and a pyrrolidinyl group;

D is a C₁₋₆ alkylene group;

G is a C₁₋₆ alkylene group optionally having a phenylene group and optionally substituted by a phenyl group;

R¹ is (a) a hydrogen atom, (b) a C₁₋₆ alkyl, C₂₋₆ alkenyl, C₆₋₁₄ aryl or C₇₋₁₄ aralkyl group optionally substituted by substituent(s) selected from

(1) a halogen atom,

(2) a nitro group,

(3) an amino group optionally substituted by one or two substituents selected from a C₁₋₆ alkyl-carbonyl group, a C₆₋₁₄ aryl-carbonyl group, a C₁₋₆ alkyl group, a C₁₋₆ alkyloxy-carbonyl group, a C₇₋₁₄ aralkyloxy-carbonyl group, a C₁₋₆ alkyl-sulfonyl group and a C₆₋₁₄ aryl-sulfonyl group,

(4) (i) a C₁₋₆ alkyl group optionally substituted by a hydroxy group, a C₁₋₆ alkyl-carbonyl group, a C₆₋₁₄ aryl-carbonyl group, a carboxyl group or a C₁₋₆ alkoxy-carbonyl group, (ii) a phenyl group optionally substituted by a

hydroxy group, (iii) a benzoyl group, or (iv) a hydroxy group optionally substituted by a mono- or di-C₁₋₆ alkylamino-carbonyl group,

(5) a C₃₋₆ cycloalkyl group,

(6) a phenyl group optionally substituted by a hydroxy group or a halogeno-C₁₋₆ alkyl group, and

(7) a thienyl group, a furyl group, a thiazolyl group, an indanyl group, an indolyl or a benzyloxycarbonylpiperidyl group, or (c) an acyl group;

R² is (1) an unsubstituted amino group, ~~(2) a piperidyl group,~~ or ~~(3)~~ (2) an amino group optionally having one or two substituents selected from

(i) a benzyl group,

(ii) a C₁₋₆ alkyl group optionally substituted by an amino or phenyl group,

(iii) a mono- or di-C₁₋₆ alkyl-carbamoyl or -thiocarbamoyl group,

(iv) a C₁₋₆ alkoxy-carbonyl group,

(v) a C₁₋₆ alkyl-sulfonyl group,

(vi) a piperidylcarbonyl group, and

(vii) a C₁₋₆ alkyl-carbonyl group optionally substituted by a halogen atom or an amino group;

X represents an oxygen atom or an optionally-oxidized sulfur atom; and

Y represents two hydrogen atoms; ~~atoms, an oxygen atom or a sulfur atom;~~

E is -CON(R^a)-

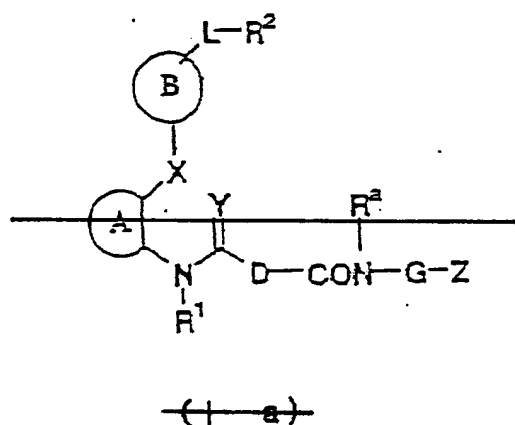
wherein R^a is a hydrogen atom or a C₁₋₆ alkyl group; and

L is a C₁₋₆ alkylene group ~~optionally interrupted by -O- and~~ optionally substituted by a C₁₋₆ alkyl group.

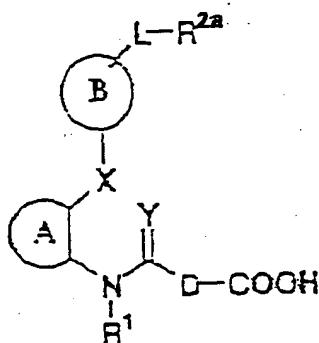
15. (Currently Amended) A Compound as claimed in claim 1, wherein Z is a phenyl group optionally substituted by a halogen atom; D is a C₁₋₆ alkylene group; G is a C₁₋₆ alkylene group; R¹ is (a) a C₁₋₆ alkyl or C₇₋₁₄ aralkyl group optionally substituted by substituent(s) selected from (1) a hydroxy group, (2) a phenyl group, (3) a thienyl, furyl, thiazolyl, indanyl, indolyl or benzyloxycarbonylpiperidyl group, and (4) an amino group optionally substituted by a C₁₋₆ alkyl-carbonyl, C₆₋₁₄ aryl-carbonyl, C₁₋₆ alkyl-sulfonyl or C₆₋₁₄ aryl-sulfonyl group, or (b) an acyl group; R² is an unsubstituted amino group; L is a C₁₋₆ alkylene ~~group. group; and Y is two hydrogen atoms.~~

Claim 16 (Cancelled)

17. (Currently Amended) A method for producing a compound according to claim 1, of a
~~formula (I-a):~~



~~wherein the symbols A, B, X, Y, L, D, G, Z, R¹, R² and R^a have the same meanings as in claim 1,~~ or a salt thereof, which comprises reacting a compound of a formula (IIa):



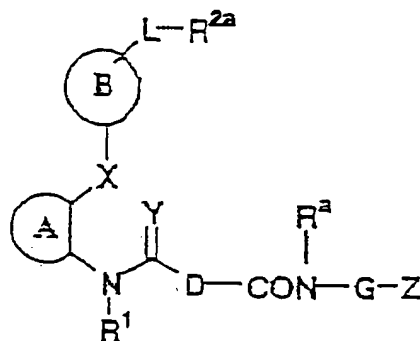
(IIa)

wherein R^{2a} represents an optionally-protected, optionally-substituted amino group; and the other symbols A, B, X, Y, L, R¹ and D have the same meanings as in claim 1, or its ~~reactive derivative or~~ salt with a compound of a formula (III):



(III)

wherein the symbols G, Z and R^a have the same meanings as in claim 1, or its salt to give a compound of a formula (Ia-a):

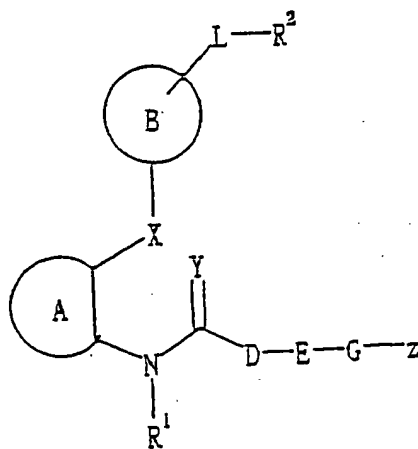


(Ia-a)

wherein the symbols A, B, X, Y, L, D, G, Z, R¹, R^{2a} and R^a have the same meanings as **above, in claim 1**, or its salt, optionally followed by de-protecting it.

18. (Currently Amended) A pharmaceutical composition comprising:

a compound of the following formula, or a salt thereof:



(I)

wherein Ring A represents an optionally-substituted ~~homocyclic aromatic~~ benzene ring;

Ring B represents an optionally-substituted benzene or cycloalkane ring;

Z represents an optionally-substituted ~~cyclic group;~~ cyclic hydrocarbon group or an optionally substituted heterocyclic group;

R¹ represents a hydrogen atom, an optionally-substituted hydrocarbon group, or an acyl group;

R² represents an optionally-substituted amino group;

D is an optionally substituted C₁₋₆ alkylene group;

E represents -CON(R^a)-

wherein R^a represents a hydrogen atom or an optionally-substituted C₁₋₆ alkyl group;

G represents an optionally substituted C₁₋₆ alkylene group;

L represents ~~(1) a chemical bond or (2) a divalent hydrocarbon~~ an alkylene

group optionally having from 1 to 5 substituents selected from;

(i) a C₁₋₆ alkyl group,

(ii) a halogeno-C₁₋₆ alkyl group,

(iii) a phenyl group,

(iv) a benzyl group,

(v) an optionally-substituted amino group,

(vi) an optionally-substituted hydroxy group, and

(vii) a carbamoyl or thiocarbamoyl group optionally substituted by:

<1> a C₁₋₆ alkyl group,

<2> an optionally-substituted phenyl group, or

<3> an optionally-substituted heterocyclic group; group,
and optionally interrupted by O or S;

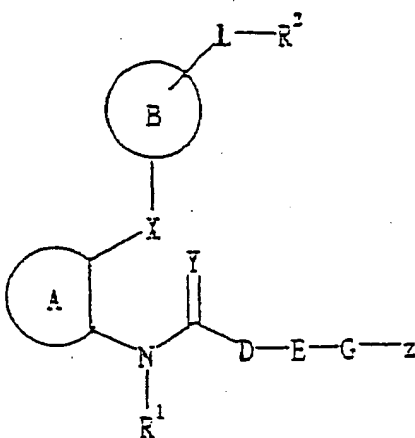
X represents an oxygen atom or an optionally-oxidized sulfur atom; and

Y represents two hydrogen atoms; atoms, an oxygen atom or a sulfur atom;

and a pharmaceutically acceptable carrier.

Claims 19 and 20 (Cancelled)

21. (Currently Amended) A method for treating diabetes comprising administering a pharmaceutically effective amount of a compound of the following formula or a salt thereof



(I)

wherein Ring A represents an optionally-substituted ~~homocyclic aromatic~~ benzene ring;

Ring B represents an optionally-substituted benzene or cycloalkane ring;

Z represents an optionally-substituted ~~cyclic group;~~ cyclic hydrocarbon group or
an optionally substituted heterocyclic group;

R¹ represents a hydrogen atom, an optionally-substituted hydrocarbon group, or an acyl group;

R² represents an optionally-substituted amino group;

D is an optionally substituted C₁₋₆ alkylene group;

E represents -CON(R^a)-

wherein R^a represents a hydrogen atom or an optionally-substituted C₁₋₆ alkyl group;

G represents an optionally substituted C₁₋₆ alkylene group;

L represents ~~(1) a chemical bond or (2) a divalent hydrocarbon~~ an alkylene

group optionally having from 1 to 5 substituents selected from;

(i) a C₁₋₆ alkyl group,

(ii) a halogeno-C₁₋₆ alkyl group,

(iii) a phenyl group,

(iv) a benzyl group,

(v) an optionally-substituted amino group,

(vi) an optionally-substituted hydroxy group, and

(vii) a carbamoyl or thiocarbamoyl group optionally substituted by:

<1> a C₁₋₆ alkyl group,

<2> an optionally-substituted phenyl group, or

<3> an optionally-substituted heterocyclic ~~group, group;~~

~~and optionally interrupted by O or S;~~

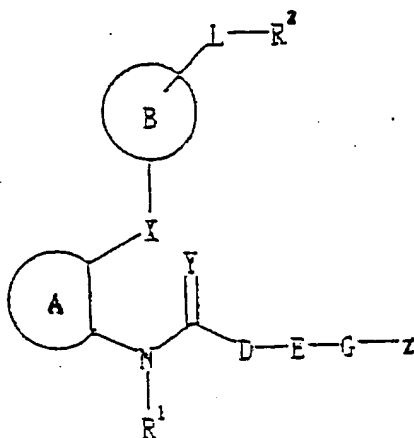
X represents an oxygen atom or an optionally-oxidized sulfur atom; and

Y represents two hydrogen atoms; ~~atoms, an oxygen atom or a sulfur atom;~~

to a mammal in need thereof.

Claims 22 and 23. (Cancelled)

24. (Currently Amended) A method for treating obesity comprising administering a pharmaceutically effective amount of a compound of the following formula or a salt thereof



(I)

wherein Ring A represents an optionally-substituted ~~homocyclic aromatic~~ benzene ring;

Ring B represents an optionally-substituted benzene or cycloalkane ring;

Z represents an optionally-substituted ~~cyclic group;~~ cyclic hydrocarbon group or an optionally substituted heterocyclic group;

R¹ represents a hydrogen atom, an optionally-substituted hydrocarbon group, or an acyl group;

R² represents an optionally-substituted amino group;

D is an optionally substituted C₁₋₆ alkylene group;

E represents -CON(R^a)-

wherein R^a represents a hydrogen atom or an optionally-substituted C₁₋₆ alkyl group;

G represents an optionally substituted C₁₋₆ alkylene group;

L represents ~~(1) a chemical bond or (2) a divalent hydrocarbon~~ an alkylene

group optionally having from 1 to 5 substituents selected from;

(i) a C₁₋₆ alkyl group,

(ii) a halogeno-C₁₋₆ alkyl group,

(iii) a phenyl group,

(iv) a benzyl group,

(v) an optionally-substituted amino group,

(vi) an optionally-substituted hydroxy group, and

(vii) a carbamoyl or thiocarbamoyl group optionally substituted by:

<1> a C₁₋₆ alkyl group,

<2> an optionally-substituted phenyl group, or

<3> an optionally-substituted heterocyclic ~~group;~~ group;

~~and optionally interrupted by O or S;~~

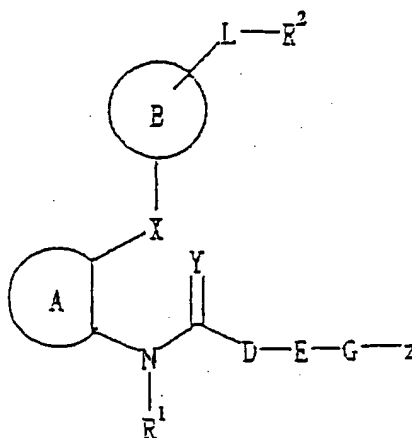
X represents an oxygen atom or an optionally-oxidized sulfur atom; and

Y represents two hydrogen atoms; ~~atoms, an oxygen atom or a sulfur atom;~~

to a mammal in need thereof.

Claims 25 and 26 (Cancelled)

27. (Currently Amended) A compound of the following formula, or a salt thereof:



(I)

wherein Ring A represents a ~~homocyclic aromatic~~ benzene ring substituted with halogen;

Ring B represents a ~~cyclic hydrocarbon group;~~ benzene or cycloalkane ring;

Z represents a halogenated cyclic hydrocarbon group;

R¹ represents an acyl group substituted with an optionally substituted hydrocarbon group;

R² represents an optionally-substituted amino group;

D is methylene, ethylene, propylene or butylene;

E represents -CON(R^a)-

wherein R^a represents a hydrogen atom;

G is methylene or ethylene;

L is methylene or ethylene;

X represents an oxygen atom or a sulfur atom; and

Y represents two hydrogen atoms. ~~atoms, an oxygen atom or a sulfur atom.~~

28. (Previously Presented) N-(2-fluorobenzyl)-4-[N'-[2-(3-aminomethylphenoxy)-4-chlorophenyl]-N'-(4-phenylbenzoyl)]aminobutylamide or a salt thereof.

29. (Previously Presented) A method for treating diabetes comprising administering a pharmaceutically effective amount of N-(2-fluorobenzyl)-4-[N'-[2-(3-aminomethylphenoxy)-4-chlorophenyl]-N'-(4-phenylbenzoyl)]aminobutylamide or a salt thereof to a mammal in need thereof.

30. (Previously Presented) A method for treating obesity comprising administering a pharmaceutically effective amount of N-(2-fluorobenzyl)-4-[N'-[2-(3-aminomethylphenoxy)-4-chlorophenyl]-N'-(4-phenylbenzoyl)]aminobutylamide or a salt thereof to a mammal in need thereof.

Claims 31 and 32 (Cancelled)